

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S2    | 4    | ("20020091989" "20020118843" "20020188485" "20020188739" "20020194096" "20030035548" "5535389" "5890133" "6266784" "6366930").PN.  | USPAT  | OR               | OFF     | 2006/09/14 09:58 |
| S4    | 1    | "6266784".pn. and manag\$3   | USPAT  | OR               | OFF     | 2006/09/07 14:38 |
| S6    | 1    | (service adj offer\$3 adj elements)  | US-PGPUB;<br>USPAT   | OR               | OFF     | 2006/09/07 13:59 |
| S8    | 107  | punte.xa.  | US-PGPUB;<br>USPAT   | OR               | OFF     | 2006/09/07 13:59 |
| S14   | 38   | ("20020055941"   "20020133737"   "20020133746"   "20030009707"   "20030115434"   "20040034622"   "20040139237"   "20040215845"   "5544347"   "5548711"   "5680640"   "5822531"   "5870545"   "5896548"   "6058054"   "6065077"   "6078990"   "6108748"   "6161218"   "6173377"   "6216202"   "6240486"   "6266784"   "6356997"   "6367075"   "6370626"   "6434637"   "6542909"   "6564336"   "6598134"   "6631477"   "6640278"   "6665812"   "6691245"   "6704838"   "6760828"   "6832289"   "6874046").PN. OR ("7080221").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | OFF     | 2006/09/07 14:01 |
| S15   | 1    | "6266784".pn. and updat\$3   | USPAT  | OR               | OFF     | 2007/02/05 10:47 |
| S16   | 2    | optimiz\$3 same recovery same (plan strategy) same workload  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/07 14:59 |
| S19   | 3485 | optimiz\$3 with (recovery backup)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/07 15:01 |

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|     |      |   |  |    |     |                  |
|-----|------|---|--|----|-----|------------------|
| S21 | 1538 | optimiz\$3 adj3 (recovery backup)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/02/04 12:08 |
| S24 | 55   | "714"/\$.ccls. and S21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/07 15:03 |
| S25 | 7    | (optimiz\$3 updat\$3 chang\$3) adj3<br>((recovery backup) adj scheme) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/07 16:07 |
| S26 | 1032 | (optimiz\$3 same workload)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/07 16:08 |
| S34 | 535  | 711/161.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 10:24 |
| S35 | 1353 | 714/1,2.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/08 10:33 |
| S36 | 1874 | 714/6,7.ccls.   | USPAT  | OR | OFF | 2006/09/08 10:33 |
| S37 | 906  | 714/47.ccls.  | USPAT  | OR | OFF | 2006/09/08 10:34 |
| S38 | 216  | 700/173.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/08 10:34 |

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| S39 | 2529  | 707/2.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/08 10:34 |
| S40 | 2367  | 707/202,204.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/08 11:23 |
| S42 | 344   | ((backup restor\$3 recovery) adj<br>plan)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/08 11:23 |
| S43 | 5     | (optimize update upgrade) with<br>((backup restor\$3 recovery) adj<br>plan) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/08 11:25 |
| S45 | 15126 | (optimiz\$3 updat\$3 upgrad\$3) with<br>(backup restor\$3 recovery)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/08 11:26 |
| S46 | 9078  | (S34 S35 S36 S37 S38 S39 S40)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/10 07:25 |
| S48 | 1129  | (S45 and S46)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/04 12:04 |

## EAST Search History

|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S50 | 1   | "09/376773"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/08 14:21 |
| S54 | 21  | ("20020059539"   "4993030"  <br>"5083264"   "5287500"   "5355475"<br>  "5392244"   "5444719"  <br>"5479653"   "5588110"   "5657468"<br>  "5857112"   "5893919"  <br>"5960169"   "6016552"   "6016553"<br>  "6038679"   "6098119"  <br>"6219814"   "6269424"  <br>"6571314").PN. OR ("6742137").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2006/09/08 14:22 |
| S55 | 5   | S54 and frequency  | US-PGPUB;<br>USPAT;<br>USOCR   | OR | OFF | 2006/09/08 14:22 |
| S56 | 172 | (backup adj frequency)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 07:22 |
| S57 | 15  | (adjust\$3 chang\$3 modify\$3) adj3<br>(backup adj frequency)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 07:36 |
| S58 | 33  | (adjust\$3 chang\$3 modify\$3<br>alter\$3) adj6 (backup adj4<br>frequency)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/08 16:56 |
| S59 | 1   | (backup adj3 frequency) same<br>workload   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 07:24 |

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|     |      |                                       |  |    |     |                  |
|-----|------|---------------------------------------|--|----|-----|------------------|
| S60 | 535  | 711/161.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 07:25 |
| S61 | 1353 | 714/1,2.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 07:25 |
| S62 | 1874 | 714/6,7.ccls.                         | USPAT  | OR | OFF | 2006/09/10 07:25 |
| S63 | 906  | 714/47.ccls.                          | USPAT  | OR | OFF | 2006/09/10 07:25 |
| S64 | 216  | 700/173.ccls.                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 07:25 |
| S65 | 2529 | 707/2.ccls.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 07:25 |
| S66 | 2367 | 707/202,204.ccls.                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 07:25 |
| S67 | 172  | (backup adj frequency)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 08:23 |
| S68 | 38   | (S60 S61 S62 S63 S64 S65 S66) and S67 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/10 09:36 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S69 | 1239 | (adjust\$3 chang\$3 modify\$3) with frequency with (incremental (back\$3 adj up) backup)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/10 07:52 |
| S70 | 21   | "714"/\$.ccls. and (adjust\$3 chang\$3 modify\$3) with frequency with (incremental (back\$3 adj up) backup)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/02/04 12:06 |
| S71 | 264  | (adjust\$3) with frequency with (incremental (back\$3 adj up) backup)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/10 07:52 |
| S72 | 0    | "714"/\$.ccls. and (adjust\$3 modify\$3) adj5 (incremental adj3 ((back\$3 adj up) backup))                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/10 08:23 |
| S73 | 2    | "714"/\$.ccls. and (adjust\$3 modify\$3 alter\$3 changing) adj5 (incremental adj3 ((back\$3 adj up) backup)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/10 08:23 |
| S74 | 460  | (backup adj5 frequency)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/10 08:24 |
| S75 | 8    | 714/6.ccls. and S67  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/10 08:24 |